

## The Morning Email: US & Germany

### Table of Contents

- Pg 1 Quotes 1
- Pg 2 Quotes 2
- Pg 3 Hedge Ratios - Bloomberg
- Pg 4 Yields & Spreads
- Pg 5 Volume Questions & Global Bond Market Characteristics



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Quotes 1



		32 nds								
	Last	Net	Hi	Low	Open	Volume	Yest Volume	SYM NAME		
TUAZ8	106.242	(0.230)	107.087	106.217	107.082	72,488	530,879	2y Futures	<b>US Futures Market</b>	
FVAZ8	112.275	(1.132)	113.255	112.257	113.242	108,442	823,895	5y Futures		
TYAZ8	116.285	(1.190)	117.225	116.220	117.220	172,057	1,078,405	10y Futures		
USAZ8	120.080	(1.180)	120.250	119.285	120.245	39,797	351,795	30y Futures		
	Last	Net	Hi	Low	Open	SYM NAME				
BUS02P	100.250	(14.5)	101.055	100.237	101.040	2y		<b>US Cash Treasury Market</b>		
BUS05P	101.155	(23.7)	102.080	101.147	102.080	5y				
BUS10P	103.015	(19.0)	103.185	102.300	103.185	10y				
BUS30P	104.310	(2.5)	105.060	103.240	104.165	30y				
	Last	Net	Hi	Low	Open	SYM NAME				
BUS02Y	1.942	22.20	1.996	1.685	1.717	2y Yield				
BUS05Y	2.801	16.40	2.81	2.623	2.636	5y Yield				
BUS10Y	3.625	7.00	3.643	3.538	3.545	10y Yield				
BUS30Y	4.200	0.60	4.277	4.182	4.185	30y Yield				



		Decimal								
	Last	Net	Hi	Low	Open	Volume	Yest Volume	SYM NAME		
DGZ8	103.77	(14.50)	103.82	103.63	103.80	391,464	747,703	Schatz(2Y)	<b>German Futures Markets</b>	
DLZ8	108.91	(33.50)	109.05	108.67	109.04	290,376	687,405	Bobl(5Y)		
DBZ8	114.37	(4.80)	114.54	114.06	114.54	456,951	948,644	Bund(10Y)		

	Price	Yield				
	Last	Last	Coupon	Maturity	SYM NAME	
T.US.DE024P1010**	97.26	3.865	4/6/1900	10/8/2010	2 yr CTD	<b>German Cash Treasury Market</b>
T.US.DE036P0713**	99.16	3.943	3.750	7/4/2013	5 yr CTD	
T.US.DE042P0718*	101.18	4.085	4.250	7/4/2017	10 yr CTD	
DEP2P*	101.16	4.024	4.750	6/11/2010	2yr OTR	
DEP5P*	98.04	3.975	3.500	4/12/2013	5yr OTR	
DEP10P*	100.96	4.127	4.250	7/4/2018	10yr OTR	

Notes

- Y = Yield
- DE = German Country Code
- CTD = Cheapest to Deliver
- OTR = On the Run
- \* OTR
- \*\* CTD
- \*\*\* CTD & OTR

**Quotes 2**

This page provided a more detailed look at the quotes for the German Bonds

German Bonds are quoted in decimal, not 32nds.



		Decimal						
	Bid	Ask	Last	Hi	Low	Chng	SYM NAME	
DGZ8	103.76	103.77	103.77	103.82	103.63	-14.50	Schatz(2Y)	German Futures
DLZ8	108.91	108.92	108.91	109.05	108.67	-33.50	Bobl(5Y)	
DBZ8	114.37	114.38	114.37	114.54	114.06	-4.80	Bund(10Y)	
		Decimal						
	Y Bid	Y Ask	Y Last	Y Hi	Y Lo		SYM NAME	
T.US.DE024P1010**	3.881	3.865	3.865	3.966	3.839		2 yr CTD	German Cash
T.US.DE036P0713**	3.953	3.943	3.943	4.012	3.918		5 yr CTD	
T.US.DE042P0718*	4.092	4.085	4.085	4.140	4.072		10 yr CTD	
DEP2P*	4.043	4.024	4.024	4.103	3.988	-31	2yr OTR	
DEP5P*	3.985	3.975	3.975	4.030	3.938	-64	5yr OTR	
DEP10P*	4.133	4.127	4.127	4.177	4.116	-65	10yr OTR	
		Decimal						
	Bid	Ask	Last	Hi	Low	Chng	SYM NAME	
T.US.DE024P1010**	97.26	97.26	97.26	97.26	97.26	97	2 yr CTD	German Cash
T.US.DE036P0713**	99.12	99.16	99.16	99.27	98.87	-63	5 yr CTD	
T.US.DE042P0718*	101.13	101.18	101.18	101.28	100.78	-65	10 yr CTD	
DEP2P*	101.13	101.16	101.16	101.22	101.03	-31	2yr OTR	
DEP5P*	98.00	98.04	98.04	98.19	97.82	-64	5yr OTR	
DEP10P*	100.91	100.96	100.96	101.05	100.56	-65	10yr OTR	

Notes

- Y = Yield
- DE = German Country Code
- CTD = Cheapest to Deliver
- OTR = On the Run
- \* OTR
- \*\* CTD
- \*\*\* CTD & OTR

US Financial Futures / Eurex Bond			
	ZN	ZF	ZT
Bund (U)	1.56	2.50	2.83
Bobl (U)	0.88	1.36	1.57
Shatz (U)	0.34	0.61	0.69

US Treasuries v Eurex Bonds			
	2y	5y	10y
Bund (U)	1.6	3.9	7.1
Bobl (U)	2.9	6.9	12.6
Shatz (U)	6.7	16.0	29.1

	Bund (U)	Bobl (U)	Shatz (U)
Bund (U)		1.76	4.09
Bobl (U)	0.57		2.32
Shatz (U)	0.25	0.43	

Note: Eurex products are pulled from Bloomberg and are static. Meaning, I only update them once in a while but always on rolls.

**US Cash Treasuries (OTR)**

	Bid	Ask	Last
US2y	1.963	1.942	1.942
US5y	2.803	2.801	2.801
US10y	3.632	3.625	3.625

**German Cash Treasuries (OTR)**

	Bid	Ask	Last
DE2y	4.043	4.024	4.024
DE5y	3.985	3.975	3.975
DE10y	4.133	4.127	4.127

**Spreads (Bps)**

ZT/SCHATZ	-2.015
ZF/BOBL	-1.218
ZN/BUND	-0.854

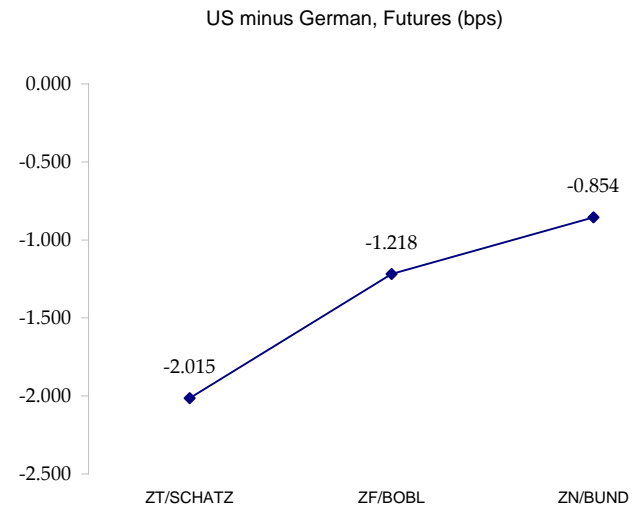
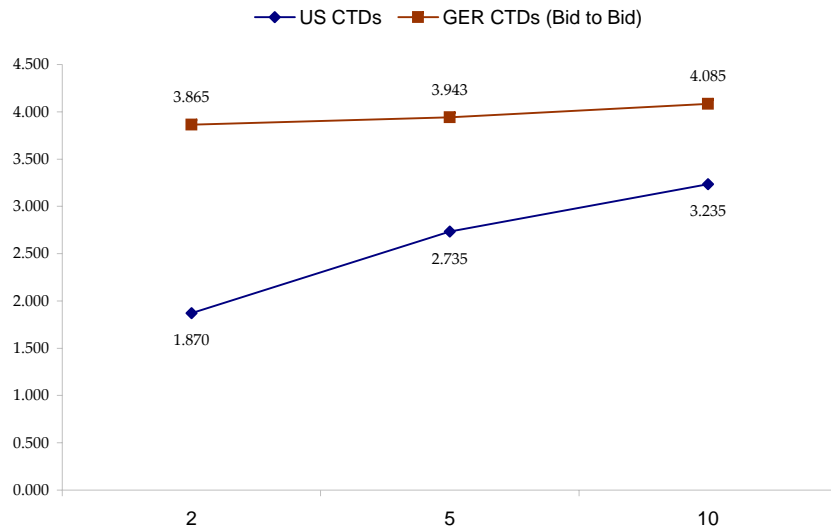
**US Cash Treasuries (CTD)**

	Bid	Ask	Last
3.875 of 09/10	1.870	1.850	1.850
2.750 of 02/13	2.735	2.725	2.725
5.125 of 05/16	3.235	3.231	3.231

**German Futures (CTD)**

	Bid	Ask	Last
97.26 of 10/10	3.881	3.865	3.865
3.750 of 07/13	3.953	3.943	3.943
4.250 of 07/17	4.092	4.085	4.085

This chart shows the US futures, ZT, ZF, and ZN quoted in yield, then, comparing them to the German Futures, the Schatz (2yr), Bobl (5yr), and Bund (10yr). Cheapest to Deliver (CTD) are used as proxies for the yields.



When does the volume trade? Between what hours of the day? These are the two questions most frequently asked, by new traders to this contract. Of course number releases pertaining to the German economy will produce volume. Past that we can look at a chart of the Bund as determine when volume occurs.

Time	Volume	
	Rises	Drops
1:00 AM CST	x	
7:00 AM CST	x	
10:00 AM CST		x
11:00 AM CST		x
German Econ Release	x	
US Econ Release	x	

#### Bond Market Characteristics

From The Treasury Bond Basis Book 3rd Edition, by Galen Burghardt

Accrued Interest	Germany	Japan	UK
Coupon (date)	Annual	semi (20th)	semi
Ex-dividend (days)	no	no	yes (7)
Accrual basis	actual	actual	actual
Year Basis	actual	365	actual

#### Settlement time frame

Domestic	T+2	T+3	T+3
International	T+3	na	na

#### Trading Basis

Quotation	price	simple yield	price
Tick	decimal	bp	decimal
Tax (resident)	0	0	0
Price/Yield Method	ISMA	Simple	DMO

#### Repo

Accrual basis	actual	actual	actual
Year basis	360	0	365







